

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016549.D
 Acq On : 02 Jun 2020 12:18
 Operator : JC/SP
 Sample : L2801-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MS

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 9:51:40 AM

Quant Time: Jun 03 04:30:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	324085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	519948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	482514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242045	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	195424	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.46	113	157519	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.70	98	618733	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.12	95	236974	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148477	46.554	ug/l	95
3) Chloromethane	1.31	50	173847	45.106	ug/l	98
4) Vinyl Chloride	1.39	62	197358	48.420	ug/l	99
5) Bromomethane	1.62	94	82096	41.425	ug/l	99
6) Chloroethane	1.70	64	118615	49.888	ug/l	100
7) Trichlorofluoromethane	1.91	101	252344	47.142	ug/l	99
8) Diethyl Ether	2.17	74	109215	48.931	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	144251	48.964	ug/l	100
10) Methyl Iodide	2.49	142	145912	41.978	ug/l	98
11) Tert butyl alcohol	3.01	59	331569	321.269	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150171	48.157	ug/l	99
13) Acrolein	2.27	56	140118	319.156	ug/l	97
14) Allyl chloride	2.70	41	295084	51.454	ug/l	97
15) Acrylonitrile	3.12	53	589783	278.974	ug/l	98
16) Acetone	2.42	43	2046338	1160.503	ug/l	99
17) Carbon Disulfide	2.55	76	436665	47.154	ug/l	100
18) Methyl Acetate	2.75	43	292883	64.760	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	549144	49.040	ug/l	98
20) Methylene Chloride	2.83	84	173670	47.604	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	166475	48.263	ug/l	95
22) Diisopropyl ether	3.82	45	531554	48.249	ug/l	98
23) Vinyl Acetate	3.78	43	2438662	252.890	ug/l	99
24) 1,1-Dichloroethane	3.67	63	302744	48.687	ug/l	100
25) 2-Butanone	4.64	43	3696968	1237.323	ug/l	98
26) 2,2-Dichloropropane	4.56	77	264672	52.017	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	194989	48.865	ug/l	99
28) Bromochloromethane	4.98	49	136959	47.398	ug/l	98
29) Tetrahydrofuran	5.09	42	559944	290.080	ug/l	99
30) Chloroform	5.18	83	296824	47.375	ug/l	98
31) Cyclohexane	5.55	56	263067	47.026	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	264567	46.642	ug/l	100
36) 1,1-Dichloropropene	5.77	75	228814	46.479	ug/l	99
37) Ethyl Acetate	4.79	43	298255	50.463	ug/l	99
38) Carbon Tetrachloride	5.75	117	234053	45.241	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.44	83	261727	48.947	ug/l	100
40) Benzene	6.11	78	691342	47.158	ug/l	99
41) Methacrylonitrile	5.00	41	159462	49.118	ug/l	99
42) 1,2-Dichloroethane	6.17	62	236931	45.445	ug/l	98
43) Isopropyl Acetate	6.41	43	454173	49.264	ug/l	99
44) Trichloroethene	7.19	130	201605	43.343	ug/l	100
45) 1,2-Dichloropropane	7.49	63	178942	47.946	ug/l	99
46) Dibromomethane	7.64	93	118832	47.404	ug/l	99
47) Bromodichloromethane	7.88	83	243925	46.995	ug/l	99
48) Methyl methacrylate	7.74	41	216729	49.099	ug/l	98
49) 1,4-Dioxane	7.71	88	106153	1027.602	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1571384	273.741	ug/l	99
52) Toluene	8.76	92	440126	47.609	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	291627	49.411	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	302896	48.485	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	178095	48.452	ug/l	98
56) Ethyl methacrylate	9.16	69	300399	50.181	ug/l	98
57) 1,3-Dichloropropane	9.35	76	305695	48.453	ug/l	99
59) 2-Hexanone	9.48	43	1232879	276.179	ug/l	98
60) Dibromochloromethane	9.57	129	196298	47.456	ug/l	98
61) 1,2-Dibromoethane	9.65	107	189626	48.176	ug/l	100
64) Tetrachloroethene	9.32	164	211712	39.218	ug/l	99
65) Chlorobenzene	10.12	112	467398	47.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	178365	47.500	ug/l	100
67) Ethyl Benzene	10.24	91	827514	47.248	ug/l	100
68) m/p-Xylenes	10.34	106	631111	97.187	ug/l	98
69) o-Xylene	10.68	106	300175	47.731	ug/l	99
70) Styrene	10.70	104	526824	48.736	ug/l	99
71) Bromoform	10.84	173	156089	49.184	ug/l #	99
73) Isopropylbenzene	11.00	105	799653	47.681	ug/l	100
74) N-amyl acetate	10.88	43	385804	50.013	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	243932	58.036	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	264758m	49.764	ug/l	
77) Bromobenzene	11.24	156	206640	46.978	ug/l	99
78) n-propylbenzene	11.34	91	924043	49.317	ug/l	99
79) 2-Chlorotoluene	11.40	91	547951	47.911	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	671610	47.961	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	110381	51.035	ug/l	97
82) 4-Chlorotoluene	11.49	91	637249	47.184	ug/l	100
83) tert-Butylbenzene	11.76	119	610416	51.016	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	682506	48.193	ug/l	99
85) sec-Butylbenzene	11.93	105	753203	50.180	ug/l	100
86) p-Isopropyltoluene	12.05	119	706199	50.226	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	362063	47.511	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	367544	47.158	ug/l	99
89) n-Butylbenzene	12.37	91	607486	51.871	ug/l	99
90) Hexachloroethane	12.58	117	122932	50.618	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	354206	47.975	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	72470	53.231	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	249796	50.943	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	101602	52.774	ug/l	98
95) Naphthalene	13.82	128	858494	51.071	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	247274	51.474	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

